INTERNATIONAL MATERIALS REVIEWS

VOLUME 37 1992

MANAGING EDITOR
Mary Chim
PRODUCTION EDITOR
C. C. Mitchell

© 1992 THE INSTITUTE OF MATERIALS and ASM INTERNATIONAL

Contents

Rapid solidification processing with specific application to aluminium alloys E. J. Lavernia, J. D. Ayers, and T. S. Srivatsan	1
Fatigue crack growth in metals and alloys: mechanisms and micromechanics D. L. Davidson and J. Lankford	45
Fretting fatigue R. B. Waterhouse	77
Solidification processing of metal matrix composites A. Mortensen and I. Jin	101
Tribological properties of metal matrix-graphite particle composites P. K. Rohatgi, S. Ray, and Y. Liu	129
Fatigue of aluminium-lithium alloys K. T. Venkateswara Rao and R. O. Ritchie	153
Bioliberation of gold A. E. Torma and T. Oolman	187
Extractive metallurgy of rare earths C. K. Gupta and N. Krishnamurthy	197
Mathematical modelling of solute segregation in solidifying materials T. P. Battle	249
Thermal transport properties of thermally sprayed coatings L. Pawlowski and P. Fauchais	271
Book reviews	194, 290